

South Carolina High School Class Schedule Survey Results 2001–02 and 2002–03

In November and December of 2002, the State Department of Education conducted a survey of 194 high schools in order to gain information about the types of high school class schedules followed in the 2001–02 and 2002–03 school years, as well as information about ways in which these schedules are modified from a pure form.

Each school was asked whether its schedule for academic subjects is strictly traditional (classes meeting approximately 50 minutes daily all year); strictly 4x4 semester block (classes meeting approximately 90 minutes daily for one semester); strictly A/B (classes meeting approximately 90 minutes every other day all year); 4x4 semester block with modifications; A/B with modifications; or traditional with modifications. Respondents were asked to describe any modifications for academic subjects. The survey also asked respondents whether their current class schedule is the same as it was the previous year. (Refer questions about this report to Bunny Mack at 803-734-8573 or bmack@sde.state.sc.us)

Current Year Schedule

Of the 194 respondents, 33 (17%) reported a purely 4x4 semester block schedule; 23 (12%) reported a purely traditional schedule; 12 (6%) reported a purely A/B schedule; 93 (48%) reported a modified 4x4 (4x4M) schedule; 28 (14%) reported a modified A/B (ABM) schedule; 4 (2%) reported a modified traditional (TradM) schedule; and 1 (less than 1%) reported a college model.

The schedule type with the most modifications is 4x4: of 126 total 4x4 schedules, 93 (74%) make modifications. Of 40 total AB schedules, 28 (70%) make modifications. Of 27 total traditional schedules, 4 (15%) make modifications.

Almost all of the reported modifications are of the “greater-exposure” variety, extending a student’s time with a core academic subject over the course of an entire year. Many 4x4s modify core subject schedules to meet daily all year; some 4x4s modify core subjects to meet every other day all year. Some A/Bs modify core subject schedules to meet daily all year. These facts suggest that, for high-stakes academic courses, for many students, school administrators consider daily, year-long exposure or at least year-long exposure to the course material preferable to being exposed to that same course material in only one semester. This, in turn, suggests that the schedule developers believe that more frequent and/or longer exposure to a subject will lead to better student performance and/or improved retention of knowledge. (See Appendix A, page 4, for a list of all reported modifications and Appendix B, page 7, for a list of schools and their schedule types for 2001–02 and 2002–03.)

Types of Modified Schedules

4x4 Modifications:

From the compiled data on modified 4X4 schedules (4x4Ms), four broad categories of modifications emerged. Below are the four categories and the number of schools reporting each. The numbers of modifications do not add up to the number of 4x4M schools because the schools that reported modifications almost all reported multiple modifications:

- ◆ English and/or math courses meeting daily all year for low-performing students (42 reports);
- ◆ English and/or math courses meeting all year (daily or A/B) for non-low-performing students (93 reports);
- ◆ Other academic courses (non-IB, non-AP) meeting all year (daily or A/B) (9 reports);
- ◆ AP and IB courses meeting all year (daily or A/B) (64 reports).

Within the above categories:

- ◆ 61 4x4Ms reported stretching Algebra 1 to a full year (for either low-performing or non-low-performing students);
- ◆ 8 4x4Ms reported establishing ninth grade academies in which core academic courses meet daily all year;
- ◆ 57 4x4Ms reported stretching AP courses over a year.

AB Modifications:

From the compiled data on 28 modified AB schedules (ABMs), five broad categories of modifications emerged. Below are the five categories and the number of schools reporting each:

- ◆ English and/or math courses meeting daily all year for low-performing students (24 reports);
- ◆ English and/or math courses meeting daily all year for non-low-performing students (6 reports);
- ◆ Core courses meeting on a 4x4 schedule (5 reports);
- ◆ Ninth and tenth grade academies meeting daily for 45–50 min. (13 for ninth, 1 for tenth);
- ◆ AP courses meeting daily all year (7 reports).

Within the above categories:

- ◆ 5 ABMs reported daily classes of Algebra 1 (for either low-performing or non-low-performing students);
- ◆ 15 ABMs reported daily classes of Math Tec 1 (for either low-performing or non-low-performing students);
- ◆ 8 ABMs reported daily classes of English 1 for low-performing students.

Traditional schedule modifications:

No pattern emerged relating to modifications to traditional schedules. They were few in number and were highly customized. (See appendix for breakdown.)

Changes from Last Year

With the following 24 exceptions, all respondents reported being on the same schedule in 2002–03 as in 2001–02:

2001–02 Class Schedule	2002–03 Class Schedule
4x4	Traditional modified (1)
4x4 modified	Traditional (1)
4x4 modified	4x4 (1)
4x4 without modifications	4x4 modified (7)
A/B	Traditional (3)
A/B	4x4 (1)
A/B	4x4 modified (2)
A/B	Traditional modified (1)
A/B without modifications	A/B modified (4)
Traditional	4x4 (1)
Traditional	4x4 modified (2)

APPENDIX A

ALL REPORTED MODIFICATIONS

BREAKDOWN OF 4X4 MODIFICATIONS AND NUMBER OF SCHOOLS IMPLEMENTING EACH:

Ninth grade academy with core academic subjects meeting daily all year	8
English and Math meet daily all year for low-performing students	21
Math Tec 1 and 2 for low-performing students meet daily for 90 min.	10
Those failing Exit Exam take Math and ELA daily all year	1
Those failing Exit Exam take writing skills class daily all year	1
English meets daily all year for low-performing ninth graders	9
English and Math meet daily all year for all students and grades 90 min.	1
English and Math meet daily all year for ninth and tenth graders	2
English 1 meets daily all year for 90 min.	10
English 1 and Reading class meet all year on A/B schedule	1
College Prep freshman English meets daily all year 90 min.	2
Math and English for ninth graders meet daily all year for 90 min.	5
Math and English for ninth and tenth graders meet A/B all year	1
English 2 for tenth graders meets all year daily for 90 min.	10
Honors English for eleventh and twelfth graders meets all year A/B	1
English 3 for eleventh graders meets daily all year	1
English 1, 2, and 3 meet daily all year	1
English 1 and 2 meet all year A/B	1

English and History (or US Gov't) meet all year A/B	3
Algebra 1 for low-performing students meets daily all year	11
Algebra 1 for non-low-performing students meets daily all year	31
Algebra 1 meets all year A/B	1
Math Tec 1 meets daily all year (some 45 min., some 90 min.)	10
Algebra 2 meets daily all year	1
Eleventh grade Math meets daily all year, 50 min.	1
Eleventh grade Pre-calculus Honors meets daily all year	1
Tenth grade Math and Science meet daily all year, 45 min.	1
Core courses other than Math and ELA meet all year (daily or A/B)	9
International Baccalaureate courses meet daily all year	3
International Baccalaureate courses meet all year A/B	4
Advanced Placement courses stretched over a year (Some have related elective first block and AP course second block; some have related elective meeting A/B with AP course; some have two related AP courses meeting A/B.)	57

BREAKDOWN OF AB MODIFICATIONS AND NUMBER OF SCHOOLS IMPLEMENTING EACH:

Ninth grade core academy-classes meet 45–50 min. daily	13
Tenth grade core academy-classes meet 50 min. daily	1
Algebra 1 for low-performing students meets daily all year	3
Algebra 1 for non-low-performing students meets daily all year	2
Math Tec 1 for low-performing students meets daily all year	13
Math Tec 1 for non-low-performing students meets daily all year	2
English for low-performing students (including Exit Exam	

Failures) meets daily all year	8
English for non-low-performing students (including Tech Prep) meets daily all year	2
Physical Science for all meets daily all year	1
Special education self-contained classes meet daily all year	1
AP classes (some or all) meet daily all year	7
Core courses are on 4x4 block (3 specifically to help repeaters catch up)	5

Other AB modifications:

- ◆ One school has an ABC schedule where all students meet 8 classes on Monday for 45 minutes.
- ◆ One AB school has 75-minute daily academic classes for low-performing students.
- ◆ One AB school allows those doing poorly in English 1 and Algebra 1 to “re-start” those classes and attend class every day instead of alternate days in order to catch up.

BREAKDOWN OF TRADITIONAL MODIFICATIONS AND NUMBER OF SCHOOLS IMPLEMENTING EACH:

Of 27 total traditional schedules, four reported modifications:

- ◆ Calculus meets on a 4x4 schedule. 1
- ◆ Economics and Government meet on 4x4 schedule for senior repeaters. 1
- ◆ There is an embedded 90-minute block for low-performing ninth grade ELA and Math students. 1
- ◆ One school has to use another school’s lab, available only on Fridays, and must, therefore, have A/B classes on Friday. Students have academic subjects for 90 minutes on Fridays instead of the usual 45–50 minutes. 1

APPENDIX B

Class Schedules by District and by School for 2001–02 and 2002–03

District Name	School Name	01–02 Schedule	02–03 Schedule
Abbeville	Abbeville High	Pure 4x4	Traditional modified
Abbeville	Calhoun Falls High	Pure Traditional	Pure Traditional
Abbeville	Dixie High	Pure A/B	Pure Traditional
Aiken	Silver Bluff High	Pure Traditional	Pure Traditional
Aiken	Aiken High/Annex	Pure Traditional	Pure Traditional
Aiken	South Aiken High	Pure Traditional	Pure Traditional
Aiken	Midland Valley High	Pure Traditional	Pure Traditional
Aiken	North Augusta High	Pure Traditional	Pure Traditional
Aiken	Ridge Spring-Monetta High	Pure Traditional	Pure Traditional
Aiken	Wagener-Salley High	Pure Traditional	Pure Traditional
Allendale	Allendale-Fairfax High	Pure Traditional	Pure Traditional
Anderson 1	Palmetto High	A/B modified	A/B modified
Anderson 1	Wren High	Pure A/B	A/B modified
Anderson 2	Belton-Honea Path High	A/B modified	A/B modified
Anderson 3	Crescent High	4x4 modified	4x4 modified
Anderson 4	Pendleton High	4x4 modified	4x4 modified
Anderson 5	T. L. Hanna High	4x4 modified	4x4 modified
Anderson 5	Westside High	4x4 modified	4x4 modified
Bamberg 1	Bamberg-Ehrhardt High	4x4 modified	4x4 modified
Bamberg 2	Denmark-Olar High	Pure Traditional	Pure 4x4
Barnwell 19	Blackville-Hilda High	Pure A/B	Pure A/B
Barnwell 29	Williston-Elko High	Pure A/B	Pure A/B
Barnwell 45	Barnwell High	A/B modified	A/B modified
Beaufort	Beaufort High	Pure A/B	Pure A/B
Beaufort	Hilton Head High	4x4 modified	4x4 modified
Beaufort	Battery Creek High	A/B modified	A/B modified
Berkeley	Stratford High	4x4 modified	4x4 modified
Berkeley	Berkeley High	4x4 modified	4x4 modified
Berkeley	Cross High	4x4 modified	4x4 modified
Berkeley	Goose Creek High	4x4 modified	4x4 modified
Berkeley	Hanahan High	4x4 modified	4x4 modified
Berkeley	Timberland High	4x4 modified	4x4 modified
Calhoun	Calhoun County High	Pure A/B	4x4 modified
Charleston	Baptist Hill High	Pure 4x4	Pure 4x4
Charleston	North Charleston High	A/B modified	A/B modified

District Name	School Name	01–02 Schedule	02–03 Schedule
Charleston	James Island High	4x4 modified	4x4 modified
Charleston	Burke High	4x4 modified	4x4 modified
Charleston	Garrett High	A/B modified	A/B modified
Charleston	Lincoln High	4x4 modified	4x4 modified
Charleston	Wando High	4x4 modified	4x4 modified
Charleston	St. John's High	Pure A/B	4x4 modified
Charleston	R. B. Stall High	Pure A/B	Traditional modified
Charleston	Charleston School of the Arts	Pure A/B	Pure A/B
Charleston	Academic Magnet High	Pure A/B	Pure A/B
Charleston	Charlestowne Academy	Pure A/B	Pure 4x4
Charleston	West Ashley High	A/B modified	A/B modified
Cherokee	Blacksburg High	Pure Traditional	Pure Traditional
Cherokee	Gaffney Senior High	Pure Traditional	Pure Traditional
Chester	Chester Senior High	A/B modified	A/B modified
Chester	Great Falls Middle/High	Pure A/B	A/B modified
Chester	Lewisville High	Pure A/B	A/B modified
Chesterfield	Cheraw High	Pure 4x4	Pure 4x4
Chesterfield	Chesterfield High	Pure 4x4	Pure 4x4
Chesterfield	McBee High	4x4 modified	4x4 modified
Chesterfield	Central High	4x4 modified	4x4 modified
Clarendon 1	Scotts Branch High	Pure 4x4	Pure 4x4
Clarendon 2	Manning High	Pure 4x4	Pure 4x4
Clarendon 3	East Clarendon High	Pure 4x4	Pure 4x4
Colleton	Colleton County High	4x4 modified	4x4 modified
Darlington	Hartsville High	4x4 modified	4x4 modified
Darlington	Lamar High	4x4 modified	4x4 modified
Darlington	Darlington High	4x4 modified	4x4 modified
Darlington	Mayo High For Math, Science, and Technology	4x4 modified	4x4 modified
Dillon 1	Lake View High	Pure 4x4	Pure 4x4
Dillon 2	Dillon High	Pure 4x4	4x4 modified
Dillon 3	Latta High	4x4 modified	4x4 modified
Dorchester 2	Summerville High	Traditional modified	Traditional modified
Dorchester 2	Fort Dorchester High	4x4 modified	4x4 modified
Dorchester 4	Woodland High	Pure 4x4	4x4 modified
Edgefield	Strom Thurmond High	A/B modified	A/B modified
Fairfield	Fairfield Central High	Pure Traditional	4x4 modified
Florence 1	South Florence High	A/B modified	A/B modified
Florence 1	Wilson High	4x4 modified	4x4 modified
Florence 1	West Florence High	Pure 4x4	4x4 modified
Florence 2	Hannah-Pamplico High	Pure 4x4	Pure 4x4
Florence 3	Lake City High	4x4 modified	Pure Traditional

District Name	School Name	01–02 Schedule	02–03 Schedule
Florence 4	Timmons High	Pure 4x4	Pure 4x4
Florence 5	Johnsonville High	Pure 4x4	Pure 4x4
Georgetown	Andrews High	4x4 modified	4x4 modified
Georgetown	Carvers Bay	4x4 modified	4x4 modified
Georgetown	Georgetown High	Pure 4x4	Pure 4x4
Georgetown	Waccamaw High	Pure 4x4	4x4 modified
Greenville	Berea High	4x4 modified	4x4 modified
Greenville	Blue Ridge High	Pure 4x4	Pure 4x4
Greenville	Carolina High	Pure 4x4	Pure 4x4
Greenville	Eastside High	Pure Traditional	Pure Traditional
Greenville	Greenville High	4x4 modified	4x4 modified
Greenville	Greer High	Pure 4x4	4x4 modified
Greenville	Wade Hampton High	Pure 4x4	Pure 4x4
Greenville	Hillcrest High	Pure 4x4	Pure 4x4
Greenville	J. L. Mann High	Pure A/B	A/B modified
Greenville	Mauldin High	4x4 modified	4x4 modified
Greenville	Riverside High	Pure Traditional	Pure Traditional
Greenville	Southside High	A/B modified	A/B modified
Greenville	Greenville Technical Charter	Traditional modified	Traditional modified
Greenville	Travelers Rest High	4x4 modified	4x4 modified
Greenville	Woodmont High	4x4 modified	4x4 modified
Greenwood 50	Emerald High	4x4 modified	4x4 modified
Greenwood 50	Greenwood High	4x4 modified	4x4 modified
Greenwood 51	Ware Shoals High	Pure Traditional	Pure Traditional
Greenwood 52	Ninety Six High	4x4 modified	4x4 modified
Hampton 1	Wade Hampton High	Pure Traditional	Pure Traditional
Hampton 2	Estill High	Pure 4x4	Pure 4x4
Horry	Aynor High	4x4 modified	4x4 modified
Horry	North Myrtle Beach High	4x4 modified	4x4 modified
Horry	Conway High	4x4 modified	4x4 modified
Horry	Green Sea Floyds High	4x4 modified	4x4 modified
Horry	Loris High	4x4 modified	4x4 modified
Horry	Myrtle Beach High	4x4 modified	4x4 modified
Horry	Socastee High	4x4 modified	4x4 modified
Horry	Carolina Forest Ed. Center	4x4 modified	4x4 modified
Horry	Academy for Arts, Science, Technology	A/B modified	A/B modified
Jasper	Jasper County High	A/B modified	A/B modified
Kershaw	North Central High	4x4 modified	4x4 modified
Kershaw	Camden High	Pure 4x4	Pure 4x4
Kershaw	Lugoff-Elgin High	Pure 4x4	Pure 4x4
Lancaster	Buford High	4x4 modified	4x4 modified

District Name	School Name	01–02 Schedule	02–03 Schedule
Lancaster	Indian Land High	Pure 4x4	Pure 4x4
Lancaster	Andrew Jackson High	4x4 modified	4x4 modified
Lancaster	Lancaster High	Pure 4x4	Pure 4x4
Laurens 55	Laurens District 55 High	4x4 modified	4x4 modified
Laurens 56	Clinton High	4x4 modified	4x4 modified
Lee	Lee Central High	4x4 modified	4x4 modified
Lexington 1	Gilbert High	4x4 modified	4x4 modified
Lexington 1	Lexington High	4x4 modified	4x4 modified
Lexington 1	Pelion High	Pure 4x4	Pure 4x4
Lexington 1	White Knoll High	4x4 modified	4x4 modified
Lexington 2	Airport High	4x4 modified	4x4 modified
Lexington 2	Brookland-Cayce High	4x4 modified	4x4 modified
Lexington 3	Batesburg-Leesville High	Pure 4x4	Pure 4x4
Lexington 4	Swansea High	4x4 modified	4x4 modified
Lexington 5	Chapin High	Pure A/B	Pure A/B
Lexington 5	Irmo High	A/B modified	A/B modified
Lexington 5	Dutch Fork High	A/B modified	A/B modified
McCormick	McCormick High	Pure A/B	Pure Traditional
Marion 1	Marion High	A/B modified	A/B modified
Marion 2	Mullins High	4x4 modified	4x4 modified
Marion 7	Creek Bridge High	4x4 modified	4x4 modified
Marlboro	Marlboro County High	Pure 4x4	Pure 4x4
Newberry	Newberry High	A/B modified	A/B modified
Newberry	Mid-Carolina High	Pure A/B	A/B modified
Newberry	Whitmire High	Pure A/B	Pure A/B
Oconee	Tamassee-Salem High	Pure A/B	Pure A/B
Oconee	Seneca Senior High	Pure A/B	Pure A/B
Oconee	Walhalla Senior High	A/B modified	A/B modified
Oconee	West-Oak Sr High	Pure A/B	Pure A/B
Orangeburg 3	Holly Hill-Roberts High	Pure A/B	Pure Traditional
Orangeburg 3	Elloree High	Pure A/B	Pure A/B
Orangeburg 4	Edisto High	A/B modified	A/B modified
Orangeburg 4	Branchville High	Pure A/B	Pure A/B
Orangeburg 4	Hunter-Kinard-Tyler High	Pure 4x4	Pure 4x4
Orangeburg 5	Bowman High	4x4 modified	4x4 modified
Orangeburg 5	Orangeburg-Wilkinson High	4x4 modified	4x4 modified
Orangeburg 5	North High	4x4 modified	4x4 modified
Pickens	D. W. Daniel High	A/B modified	A/B modified
Pickens	Easley High	A/B modified	A/B modified
Pickens	Liberty High	A/B modified	A/B modified
Pickens	Pickens Senior High	A/B modified	A/B modified

District Name	School Name	01–02 Schedule	02–03 Schedule
Richland 1	Columbia High	4x4 modified	4x4 modified
Richland 1	Dreher High	4x4 modified	4x4 modified
Richland 1	Eau Claire High	4x4 modified	Pure 4x4
Richland 1	A. C. Flora High	4x4 modified	4x4 modified
Richland 1	C. A. Johnson High	4x4 modified	4x4 modified
Richland 1	W. J. Keenan High	4x4 modified	4x4 modified
Richland 1	Lower Richland High	4x4 modified	4x4 modified
Richland 2	Spring Valley High	4x4 modified	4x4 modified
Richland 2	Richland Northeast High	4x4 modified	4x4 modified
Richland 2	Ridge View High	4x4 modified	4x4 modified
Saluda	Saluda High	Pure Traditional	Pure Traditional
Spartanburg 1	Chapman High	4x4 modified	4x4 modified
Spartanburg 1	Landrum High	Pure 4x4	Pure 4x4
Spartanburg 2	Boiling Springs High	4x4 modified	4x4 modified
Spartanburg 2	Chesnee High	4x4 modified	4x4 modified
Spartanburg 3	Broome High	4x4 modified	4x4 modified
Spartanburg 4	Woodruff High	Pure Traditional	Pure Traditional
Spartanburg 5	James F. Byrnes High	4x4 modified	4x4 modified
Spartanburg 6	Dorman High	Pure 4x4	Pure 4x4
Spartanburg 7	Spartanburg High	Pure Traditional	Pure Traditional
Sumter 2	Crestwood High	4x4 modified	4x4 modified
Sumter 2	Lakewood High	4x4 modified	4x4 modified
Sumter 17	Sumter High	4x4 modified	4x4 modified
Union	Jonesville High	4x4 modified	4x4 modified
Union	Union Comprehensive High	Pure 4x4	Pure 4x4
Williamsburg	C.E. Murray High	Pure 4x4	4x4 modified
Williamsburg	Hemingway High	4x4 modified	4x4 modified
Williamsburg	Kingstree Senior High	Pure 4x4	Pure 4x4
York 1	York Comprehensive High	Pure 4x4	Pure 4x4
York 2	Clover High	Pure Traditional	4x4 modified
York 3	Northwestern High	4x4 modified	4x4 modified
York 3	Rock Hill High	4x4 modified	4x4 modified
York 4	Fort Mill High	4x4 modified	4x4 modified
NA	Governor's School for Science and Math	College Model	College Model
NA	Governor's School for Arts and Humanities	Pure 4x4	Pure 4x4
NA	SC School for the Deaf and Blind	Pure Traditional	Pure Traditional